

Compile

Commands

- query recommended compile flags for an application (from /usr/lib/pkgconfig/*.pc)

```
pkg-config --cflags "gdk-2.0"
```

- generate a pure assembly file with GCC

```
gcc -S -c -o test.s test.c
```

- generate an assembly file with C source code mixed

```
gcc -c -Wa,-a,-ad test.c > test.lst
```

- -Wa instructs the GCC to pass the following options to AS
 - -a is a short form of -ahls which instructs the assembler to include assembly (-al), include high-level source (-ah) and to include symbols (-as)
 - -ad omits any debugging directives from listing

- show all **pre-defined** GCC preprocessor macros

```
cpp -dM /dev/null
```

- show defined preprocessor macros (cf. [GCC Online Documentation](#))

```
gcc -E -dM <file>
```

From:

<https://wiki.rho62.de/> - **rho62 Wiki**



Permanent link:

<https://wiki.rho62.de/doku.php?id=development:build:compile>

Last update: **2023/07/31 10:51**